

STS Mortality category

Mortality category 1

ASD repair, patch
AVC (AVSD) repair, partial (incomplete)(PAVSD)
ASD repair, patch +PAPCV repair
Aortic stenosis, subvalvar, repair
ICD (AICD) implantation
DCRV repair
ASD repair, primary closure
VSD repair, patch
Vascular ring repair
Coarctation repair, end to end
ICD (AICD) procedure
PFO, primary closure
AVR, bioprosthetic
VSD repair, primary closure
PVR
Conduit reoperation
Pacemaker procedure
PAPVC repair
TOF repair, ventriculotomy, nontransanular patch
TOF repair, no ventriculotomy
Glenn (unidirectional cavopulmonary anastomosis; unidirectional Glenn procedure)
AVC (AVSD) repair, intermediate (transitional)
Coarctation repair, interposition graft
Fontan, TCPC, lateral tunnel, fenestrated
Sinus of Valsalva, aneurysm repair
AVR, mechanical

Mortality category 2

PDA closure, surgical
PA, reconstruction (plasty), main (trunk)
LV to aorta tunnel repair
Valvuloplasty, mitral
Valvuloplasty, aortic
11/2 Ventricular repair
Arrhythmia surgery—ventricular, surgical ablation
Pacemaker implantation, permanent
Ross procedure
Glenn +PA reconstruction
Aortopexy
Fontan, atriopulmonary connection
Bilateral bidirectional cavopulmonary anastomosis (bilateral bidirectional Glenn procedure)
Aortic root replacement, mechanical
Conduit placement, LV to PA
Coarctation repair, end to end, extended
Anomalous origin of coronary artery repair
RVOT procedure
Aortic aneurysm repair
Congenitally corrected
TGA repair, VSD closure
AP window repair
Valvuloplasty, pulmonic
TOF repair, ventriculotomy, transannular patch
Aortic root replacement, bioprosthetic
Bidirectional cavopulmonary anastomosis (bidirectional Glenn procedure)
Aortic stenosis, supraaortic, repair
Pericardiectomy
Conduit placement, other
Aneurysm, ventricular, left, repair
Fontan, TCPC, external conduit, fenestrated
Pulmonary artery origin from ascending aorta (hemitruncus) repair
ASD, common atrium (single atrium), septation
PAPVC, scimitar, repair
Fontan, TCPC, external conduit, nonfenestrated
Ligation, pulmonary artery
Coronary artery fistula ligation
Aortic root replacement, valve sparing
Mitral stenosis, supraaortic mitral ring repair
Arrhythmia surgery—atrial, surgical ablation
Systemic venous stenosis repair
PA, reconstruction (plasty), branch, peripheral (at or beyond the hilar bifurcation)
Valvuloplasty, tricuspid
TVR
Valve replacement, truncal valve
Fontan, TCPC, lateral tunnel, nonfenestrated
Atrial fenestration closure
Cor triatriatum repair
VSD, multiple, repair
Atrial baffle procedure (non-Mustard, non-Senning)
Coarctation repair subclavian flap
Partial left ventriculectomy (LV volume reduction surgery; Batista)
TOF repair, RV-PA conduit

Mortality category 3

Transplantation, lung(s)
Occlusion MAPCA(s)
Coarctation repair + VSD repair
Konno procedure
Coarctation repair, patch aortoplasty
PA, reconstruction (plasty), branch, central (within the hilar bifurcation)
Aneurysm, pulmonary artery, repair
Aneurysm, ventricular, right, repair
Ventricular septal fenestration
Shunt, ligation and takedown
Hemi-Fontan procedure
AVC (AVSD) repair, complete
Anomalous systemic venous connection repair
ASO
Valvuloplasty, truncal valve
Fontan, atrioventricular connection
Pulmonary embolectomy, acute pulmonary embolus
ASD partial closure
Rastelli operation
Conduit placement, ventricle to aorta
AVR, homograft
REV
Pulmonary artery sling repair
Mustard procedure
Pulmonary atresia—VSD (including TOF, PA) repair
Conduit placement, RV to PA
Pulmonary embolectomy

Mortality category 4

MVR
Pericardial drainage procedure
Aortic arch repair
Fontan revision or conversion (redo Fontan procedure)
DOLV repair
DORV, intraventricular tunnel repair
Arterial switch procedure +aortic arch repair
PA debanding
ASO and VSD repair
Cardiac tumor resection
Transplantation, heart
Coronary artery bypass
TOF—absent pulmonary valve repair
Valve excision, tricuspid (without replacement)
Shunt, systemic to pulmonary, MBTS
TOF—AVC (AVSD) repair
Ross—Konno procedure
Senning procedure
Ebstein's repair
Aortic arch repair + VSD repair
PA banding
Aortic root replacement, homograft
Unifocalization MAPCA(s)
Aortic dissection repair
Congenitally corrected
TGA repair, VSD closure and LV to PA conduit
Pulmonary atresia—VSD—MAPCA(pseudotruncus) repair
VSD creation/enlargement
HLHS biventricular repair
TAPVC repair
Pulmonary venous stenosis repair
Shunt, systemic to pulmonary, central (from aorta or to main pulmonary artery)
Interrupted aortic arch repair
Arterial switch procedure and VSD repair + aortic arch repair
Truncus arteriosus repair
ASD creation/enlargement
Atrial septal fenestration
Valve closure, tricuspid (exclusion, univentricular approach)

Mortality category 5

Damou—Kaye—Stansel procedure (creation of AP anastomosis without arch reconstruction)
Transplantation, heart and lung
Congenitally corrected
TGA repair, atrial switch and Rastelli operation
Congenitally corrected
TGA repair, atrial switch and ASO (double switch)
Norwood procedure
Truncus IAA repair